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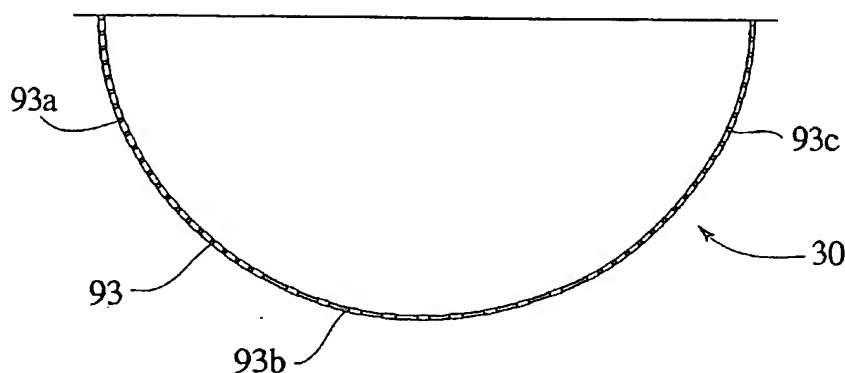
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(54) Title: A METHOD AND A DEVICE FOR DRYING OR HEAT TREATMENT OF A WEB-FORMED MATERIAL



(57) Abstract: When drying a web-formed material (1), preferably glass fibre, the web-formed material is passed, in contact with a gas-permeable dryer screen (3), through a drying plant (21). One or more fans (27) blow hot process air against, and through, the web-formed material (1) in order to dry it. A chamber (27a), surrounding the fan or the fans (27), has a limiting surface that is essentially parallel to the surface of the web-formed material. This limiting surface has an opening (29a) that extends essentially across the whole width of the web-formed material (1). A distributing member (20), in the form of an arcuate perforated, sheet-formed element (90), placed outside the chamber (27a), covers the opening (29a) completely. With the distributing member (20) a first flow of process air is divided into a large number of jets, distributed over essentially the whole of the angular area that faces the web-formed material (1). Thereafter, the jets are allowed to mix with one another again to form a second flow of process air, which is passed through a flat perforated, sheet-formed element (2a) that is positioned close to and extends over essentially the whole of the web-formed material (1), and then against and through the web-formed material (1) lying on the gas-permeable dryer screen (3).

INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C03C F26B D21F C03B F27D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 82 03450 A (EASTMAN KODAK CO) 14 October 1982 (1982-10-14) page 24, line 6 - page 25, line 12; figures 2,3	1-20
A	US 3 849 904 A (VILLALOBOS J) 26 November 1974 (1974-11-26) column 3, line 16 - line 44; figures 1,3	1-20
A	US 4 253 247 A (BERGSTROM WILLIAM E) 3 March 1981 (1981-03-03) column 2, line 40 - line 46; figure 3	1-20
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☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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